

## PROPOSED 2021 IBC AMENDMENTS 5/3/22

A. *International Building Code* (IBC), 2021 Edition, not including Chapter 1, Administration, Chapter 11, Accessibility, Chapter 27, Electrical. The applicable standards referenced in that code are included for regulation of construction within this state. Furthermore, IBC shall be amended as follows and shall only apply to the *International Building Code*.

Amend	Chapter 2, Definitions.	Mini-Storage Facility- a self-service storage facility which rents or leases individual storage space to occupants for the storage and/or removal of personal property.
Amend	Table 509.1	
Adopt	Item (18)	Stationary storage battery systems having an energy capacity greater than the threshold quantity specified in 2021 IFC Table 1207.1.1, shall have a 2 HR Separation and/or Protection.
Amend	Chapter 9	To adopt and amend 2015 International Building Code
Amend	Section 903.2.1.1.2, Group A-2.	
Amend	Item (2.)	Item (2). The fire area has an occupant load of 300 or more.
Adopt	Item (4.)	Item (4). Open-air pavilions on three sides or more, not exceeding 12,000 square feet, shall not be required to comply with 903.2.1.3(1) and 903.2.1.3(2) where each side has unobstructed access to a public way (10'-0" wide by 10'-0" high). No fixed elements, equipment, seating, etc. are permitted within the 10'-0" by 10'-0" access.
Adopt	Exceptions	(a). The requirements of Sections 903.2.1.2(1) and 903.2.1.2(2) shall not apply to a single multi-purpose room less than 12,000 sf when all of the following conditions are met. (1.) The single multi-purpose room shall not be used for display or exhibition, bars or taverns. (2.) The single multi-purpose room shall not share exit access with other occupancies. Non-separated accessory uses that are incidental or ancillary to the single multi-purpose room shall be considered as part of the assembly occupancy. The accessory uses shall not be limited to 10 percent of the single multi-purpose room floor area and/or building, but shall be included and considered as part of the limited assembly room floor area. (3.) The single multi-purpose room shall not be part of a fire area containing other assembly occupancies. (4.) A single multi-purpose room with an occupant load greater than 300 persons shall be provided with a fire alarm system in accordance with Section 907.2.1. (5.) The single multi-purpose room with its accessory or ancillary uses shall be separated, when part of a multiple occupancy, in accordance with Table 508.4 and Section 707 from the remainder of the building. The single multi-purpose room fire area containing the single multi-purpose room and its accessory or ancillary uses shall be less than 12,000 sf. (6.) Provide system smoke detection in all areas in accordance with Section 907 throughout the entire building.
Amend	Section 903.2.1.3, Group A-3.	
Adopt	Item (4.)	4. Open air pavilions on three sides or more, not exceeding 12,000 square feet, shall not be required to comply with Section 903.2.1.3(2) where each side has unobstructed access to a public way (10'-0" wide by 10'-0" high). No fixed elements, equipment, seating, etc. are permitted within the 10'-0" by 10'-0" access.
Adopt	Exceptions	(a). The requirements of Sections 903.2.1.23(1) and 903.2.1.23(2) shall not apply to a single multi-purpose room less than 12,000 sf when all of the following conditions are met: (1.) The single multi-purpose room shall not be used for display or exhibition. (2.) The single multi-purpose room shall not share exit access with other occupancies. Non-separated accessory uses that are incidental or ancillary to the single multi-purpose room shall be considered as part of the assembly occupancy. The accessory uses shall not be limited to 10 percent of the single multi-purpose room floor area and/or building, but shall be included and considered as part of the limited assembly room floor area. (3.) The single multi-purpose room shall not be part of a fire area containing other assembly occupancies. (4.) A single multi-purpose room with an occupant load greater than 300 persons shall be provided with a fire alarm system in accordance with Section 907.2.1. (5.) The single multi-purpose room with its accessory or ancillary uses shall be separated, when part of a multiple occupancy, in accordance with Table 508.4 and Section 707 from the remainder of the building. The single multi-purpose room fire area containing the single multi-purpose room and its accessory or ancillary uses shall be less than 12,000 sf. (6.) Provide system smoke detection in all areas in accordance with Section 907 throughout the entire building.
Amend	Section 903.2.9.4, Group S-1.	
Adopt	Item (5.)	Item (5). A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 sf (232 m²).
Adopt Amend	Exception	(1.) The requirement of Section 903.2.9(5) shall not apply to mini-storage facilities less than 12,000 sf. Mini-storage facilities, including mini-storage facilities which are climate-controlled, shall comply with 903.2.9(1) thru 903.2.9(4).
Adopt	Item (2)	(2.) The requirement of Section 903.2.9.4 shall not apply to mini-storage facilities less than 12,000 sf. Mini-storage facilities, including mini-storage facilities which are climate-controlled, shall comply with 903.2.9(1) thru 903.2.9(4).
Amend	Section 903.2.7, Group M.	

Amend	Item (4.)	<del>Item (4). A Group M occupancy used for the display and sale of upholstered furniture or mattresses where the floor area occupied by the upholstered furniture or mattresses exceeds 5,000-sf (464 m²).</del>
Amend	Section 903.2.8, Group R.	
Adopt	Exceptions	(a). An automatic sprinkler system is not required when not more than two dwelling or sleeping units are attached to a commercial or non-residential occupancy where all of the following conditions exist: (1.) The dwelling or sleeping units shall be separated vertically and/or horizontally from the non-residential occupancy as well as each other by two-hour construction in accordance with Sections 707 and 711. (2.) The entire building shall be smoke protected in accordance with Section 907. (3.) Egress from the dwelling or sleeping units shall not pass through the non-residential occupancy. (4.) The building shall not exceed two stories.
Adopt		(b). An automatic sprinkler system is not required in Residential Group R-3, boarding houses (transient and nontransient) as defined by Section 310.5, where one of the following conditions exist: (1.) Every sleeping room has a door opening directly to the exterior at the street or finish grade. (2.) Every sleeping room has a door opening directly to the exterior which leads to an outside stair protected in accordance with Section 1027.
Amend	Section 1006	<del>Amend and revise Tables 1006.3.2(1) and 1006.3.2(2).</del>
Repeal		<del>a. Delete from footnote "a": (1.) and provided with emergency escape and rescue openings in accordance with Section 1030.</del>
Amend	Section 1010.2.4 Locks and Latches	
Amend	Item (2.)	<u>Electric locking systems, including electromechanical locking systems and electromagnetic locking systems, shall be permitted to be locked in the means of egress in Group I-1 or I-2 occupancies where persons receiving care require their containment. Controlled egress doors shall be permitted in such occupancies where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or an approved automatic smoke or heat detection system installed in accordance with Section 907, provided that the doors are installed and operate in accordance with all of the following:</u> <u>(a.) The door locks shall unlock on actuation of the automatic sprinkler system or automatic fire detection system.</u> <u>(b.) The door locks shall unlock on loss of power controlling the lock or lock mechanism.</u> <u>(c.) The door locking system shall be installed to have the capability of being unlocked by a switch located at the fire command center, a nursing station or other approved location. The switch shall directly break power to the lock.</u> <u>(d.) A means of manual mechanical unlocking must be provided at each door that is not in direct view of the remote release location required by Item c.</u> <u>(e.) The procedures for unlocking the doors shall be described and approved as part of the emergency planning and preparedness required by Chapter 4 of the International Fire Code.</u> <u>(f.) All clinical staff shall have the keys, codes or other means necessary to operate the locking systems.</u> <u>(g.) Emergency lighting shall be provided at the door.</u> <u>(h.) The door locking system units shall be listed in accordance with UL 294.</u> <u>(i.) "Automatic" Re-Locking, after an emergency release as described above, shall be prohibited. A specific human action dedicated for re-locking doors must be provided at the remote control location or at each lock location.</u> <u>(j.) Document the "staff/patient ratio" for the occupants of the locked area to the authority having jurisdiction. The ratio shall be within state and federal licensing/certification guidelines. Please note that only "nurses" and "nurses' aides" assigned to the locked area shall be considered acceptable responsible staff in regard to this ratio documentation.</u> <u>(k.) Provide the reason for installing specialized security measures to the authority having jurisdiction.</u> <u>(l.) Documentation addressing each condition itemized above shall be provided to the authority having jurisdiction and shall include the signature of the building owner or the facility administrator.</u>
Amend	Item (3.)	<u>3. In buildings in occupancy Group A having an occupant load of 500 or less, Groups B and M, the main door or doors are permitted to be equipped with key-operated locking devices from the egress side provided:</u> <u>3.1. The locking device is readily distinguishable as locked.</u> <u>3.2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.</u> <u>3.3. The use of the key-operated locking device is revocable by the building official for due cause.</u>
Adopt	Item (3.4)	<u>Doors remain unlocked when the building or space is occupied</u>
Adopt	Item (3.5)	<u>A key is immediately available to any occupant inside the building or space when it is locked.</u>
Repeal	Item (8)	
Repeal	Item (8.1)	
Repeal	Item (8.2)	
Repeal	Item (8.3)	
Repeal	Item (8.4)	
Repeal	Item (8.5)	
Repeal	Item (8.6)	
Repeal	Exception	Where approved, in Group I occupancies, the installation of a sign is not required where care recipients who because of clinical needs require restraint or containment as part of the function of the treatment area.
Amend		(7.) Emergency lighting shall be provided on the egress side of the door. (8.) The delayed egress locking system units shall be listed in accordance with UL 294.

Amend	Section 1010.1.9.9, Electromagnetically Locked Egress Doors. <u>1010.2.11 Door hardware release of electrically locked egress doors</u>	(a.) a. Doors in the required means of egress shall be permitted to be locked with an electromagnetic locking system where equipped with hardware and where installed and operated in accordance with all of the following: (1.) The hardware that is affixed to the door leaf has an obvious method of operation that is readily operated under all lighting conditions. (2.) The hardware is capable of being operated with one hand. (3.) Operation of the hardware directly interrupts the power to the electromagnetic lock and unlocks the door immediately. (4.) Loss of power to the locking system automatically unlocks the door. (5.) Where panic or fire exit hardware is required by Section 1010.1.10, operation of the panic or fire exit hardware also releases the electromagnetic lock. (6.) The locking system units shall be listed in accordance with UL 294.
Adopt	Item (5.)	(5.) The activation of manual fire alarm boxes that activate the fire alarm system shall not be required to unlock the doors.
Amend	Item (6.)	(6.) Activation of the building automatic sprinkler system or fire detection system, where provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.
Amend	Item (7.)	(7.) The door locking system units shall be listed in accordance with UL 294.
Adopt	Item (8.)	(8.) Doors in buildings with an occupancy in Group A shall not be secured from the egress side during periods that the building is open to the general public.
Adopt	Item (9.)	(9.) Doors in buildings with an occupancy in Group R-3 or Group I-3 shall not be equipped with this locking system.
Adopt	Item (10.)	(10.) Doors serving any Group M occupancy shall be permitted to be equipped with this locking system in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or an approved automatic smoke or heat detection system installed in accordance with Section 907.
Adopt	Item (11.)	(11.) Emergency egress lighting shall be provided at the door.
Amend	Section 1010.2.12 Sensor Release of Electrically Locked Egress Doors	
Adopt	Exception	<u>The activation of manual fire alarm boxes that activate the building fire-protective signaling system shall not be required to unlock the door leaves.</u>
Amend	Section 1010.2.13 Delayed Egress	<u>Delayed egress locking systems shall be permitted to be installed on doors serving the following occupancies in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1 or an approved automatic smoke or heat detection system installed in accordance with Section 907.</u>
Amend	Item (3)	<u>Group A, other than the main entrance/exit doors.</u>
Amend	Section 1010.2.13.1 Delayed Egress Locking System	
Amend	Item (5.)	<u>The egress path from any point shall not pass through more than one delayed egress locking system.</u>
Repeal	Exception	
Repeal	Item (1.)	
Repeal	Item (2.)	
Amend	Item (6.)	
Repeal	Exception	
Amend	Section 1020.4.2, Construction.	
Amend	Exception	
Adopt	Item (6.)	(6.) A fire-resistance rating is not required for corridors where the space or area served does not exceed the occupant load and common path of egress travel values, for each occupancy, listed in Table 1006.2.1. The travel distance to the exit from the space or area served shall not exceed the common path of travel.
Amend	Section 1020.56, Air Movement in Corridors.	Corridors that require protection under Table 1020.1—Corridor Fire-Resistance Rating, shall not serve as supply, return, exhaust, relief or ventilation air ducts.
Amend	Section 1027.6	
Amend	Exceptions	
Adopt	Item (4-)(5)	(4.) Exterior stairs or ramps which serve no more than one story above the level of exit discharge and constructed with non-combustible materials or constructed with fire retardant treated lumber, shall be allowed when the fire separation distance is between 5 and 10 feet measured from the exterior edge of the stairway or ramp.
Amend	Section 1030.1-1031.2	
Amend	Exception	
Amend	Item (4-6)	(4.) In other than Group R-3 occupancies, buildings equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.
Repeal	Section 1207 Enhanced Classroom Acoustics	
Amend	1507.1.2 Ice barriers	<u>An ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, and wood shakes. The ice barrier shall consist of not less than two layers of underlayment cemented together, or a self-adhering polymer modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building.</u>
Amend	1507.2.7 Ice barrier	<u>Ice barriers shall comply with Section 1507.1.2</u>
Amend	1507.5.4 Ice barrier	<u>Ice barriers shall comply with Section 1507.1.2</u>
Amend	1507.6.4 Ice barrier	<u>Ice barriers shall comply with Section 1507.1.2</u>
Amend	1507.7.4 Ice barrier	<u>Ice barriers shall comply with Section 1507.1.2</u>

Amend	1507.8.4 Ice barrier	Ice barriers shall comply with Section 1507.1.2
Amend	1507.9.4 Ice barrier	Ice barriers shall comply with Section 1507.1.2
Amend	1507.16.4 Ice barrier	Ice barriers shall comply with Section 1507.1.2
Amend	1507.17.4.2 Ice barrier	<u>An ice barrier consisting of not fewer than two layers of underlayment cemented together or of a self-adhering polymer modified bitumen sheet shall be used instead of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building.</u>
Amend	Section 1603.1.5, Earthquake Design Data.	The following information related to seismic loads shall be shown, regardless of whether seismic loads govern the design of the lateral-force-resisting system of the building: a. seismic importance factor, I, and occupancy category; b. mapped spectral response accelerations, SS and S1; c. site class; d. spectral response coefficients, SDS and SD1; e. seismic design category; f. basic seismic-force-resisting system(s); g. design base shear; h. seismic response coefficient(s), CS; i. response modification factor(s), R; j. analysis procedure used;
Adopt	Exceptions	
Adopt	Item (1.)	(1.) Construction documents that are not required to be prepared by a registered design professional;
Adopt	Item (2.)	(2.) Construction documents for structures that are assigned to Seismic Design Category A.
Amend	Section 1609.1.2, Protection of Openings.	In wind-borne debris regions, glazing in buildings shall be impact resistant or protected with an impact-resistant covering meeting the requirements of an approved impact-resistant standard or ASTM E 1996 and ASTM E 1886 referenced herein as follows: a. Glazed openings located within 30 feet (9144 mm) of grade shall meet the requirements of the large missile test of ASTM E 1996. b. Glazed openings located more than 30 feet (9144 mm) above grade shall meet the provisions of the small missile test of ASTM E 1996.
Amend	Exceptions	
Amend	Item (1.)	(1.) Wood structural panels with a minimum thickness of 7/16 inch (11.1 mm) and maximum panel span of 8 feet (2438 mm) shall be permitted for opening protection in one- and two-story buildings classified as Risk Category 2. Panels shall be precut so that they shall be attached to the framing surrounding the opening containing the product with the glazed opening. Panels shall be predrilled as required for the anchorage method and shall be secured with the attachment hardware provided. Attachments shall be designed to resist the components and cladding loads determined in accordance with the provisions of ASCE 7, with corrosion-resistant attachment hardware provided and anchors permanently installed on the building. Attachment in accordance with Table 1609.1.2 with corrosion-resistant attachment hardware provided and anchors permanently installed on the building is permitted for buildings with a mean roof height of 45 feet (13 716 mm) or less where $V_{asd}$ determined in accordance with Section 1609.3.1 does not exceed 140 mph (63 m/s).
Amend	Item (2.)	(2.) Glazing in Risk Category I buildings as defined in Section 1604.5, including greenhouses that are occupied for growing plants on a production or research basis, without public access shall be permitted to be unprotected.
Amend	Item (3.)	(3.) Glazing in Risk Category II, III or IV buildings located over 60 feet (18 288 mm) above the ground and over 30 feet (9144 mm) above aggregate surface roofs located within 1,500 feet (458 m) of the building shall be permitted to be unprotected.
Amend	Section 1612.4, Design and Construction.	
Repeal	Referenced ASCE 24-14, Freeboard.	Delete Referenced ASCE 24-14 Freeboard requirements and Table 1-1, Flood Design Class of Buildings and Structures.
Amend	Section 1613.1, Scope.	Every structure, and portion thereof, including nonstructural components that are permanently attached to structures and their supports and attachments, shall be designed and constructed to resist the effects of earthquake motions in accordance with ASCE 7, excluding Chapter 14 and Appendix 11A. The seismic design category for a structure is permitted to be determined in accordance with Section 1613 or ASCE 7-10. Figure 1613.5(1) shall be replaced with ASCE 7-10 Figure 22-1. Figure 1613.5(2) shall be replaced with ASCE 7-10 Figure 22-2.
Amend	Chapter 29	
Adopt	Chapter 29	<u>All plumbing provisions located in this Chapter shall reference 2021 IPC with Louisiana Amendments</u>
Repeal	Section 2901, Scope.	<u>Private Sewage disposal systems shall conform to the International Private Sewage Disposal Code.</u>
Repeal	Section 2902	
Repeal	Section 3001.2 Emergency Elevator Communication Systems	
Amend	Section 3113 Relocatable Buildings	<u>Relocatable Buildings constructed on or after January 1, 2007 Shall conform to the Louisiana Industrialized Building Act. Relocatable Buildings constructed prior to January 1, 2007 shall meet the requirements of Section 3113.3</u>
Amend	Section 3313.2 Supplemental Information	<u>Supplemental information specific to a relocatable building shall be submitted to the authority having jurisdiction. It shall, as a minimum, include the following:</u>
Adopt	Item (1)	<u>Each relocatable module constructed after January 1, 2007 shall conform with the Louisiana Industrialized Buildings Act and shall have a data plate that is permanently attached on or adjacent to the electrical panel, and shall include the following information:</u> <u>Occupancy group.</u> <u>Manufacturer's name and address.</u> <u>Date of manufacture.</u> <u>Serial number of module.</u>

		<u>Design wind speed.</u> <u>Special limitations if any.</u>
<u>Adopt</u>	<u>Exception:</u>	<u>Buildings without Data Plate shall meet requirements of Section 3113.3 and remaining requirements of this section.</u>
<u>Adopt</u>	<u>Item (2)</u>	<u>Foundation Design Documents.</u>
<u>Adopt</u>	<u>Item (3)</u>	<u>Site-built structure or appurtenance attached to the relocatable building.</u>
<u>Amend</u>	<u>3113.3 Buildings Built prior to January 1, 2007.</u>	<u>Relocatable buildings without a data plate shall be inspected and certified by one of the following methods:</u>
<u>Adopt</u>	<u>Item (1)</u>	<u>Inspection and acceptance by Local Building Official to meet the code requirements in place at time of construction.</u>
<u>Adopt</u>	<u>Item (2)</u>	<u>Inspection and acceptance by a third party inspector registered with LSUCCC to meet the code requirements in place at time of construction.</u>
<u>Adopt</u>	<u>Item (3)</u>	<u>Recertification and acceptance to current code and requirements of the Louisiana Industrialized Building Act.</u>
<u>Repeal</u>	<u>Section 3313 Fire Protection During Construction</u>	
<u>Repeal</u>	<u>Section 3314 Fire Watch During Construction</u>	

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1730.22(C) and (D) and 40:1730.26(1).

HISTORICAL NOTE: Promulgated by the Department of Public Safety and Corrections, State Uniform Construction Code Council, LR 33:291 (February 2007), amended LR 34:93 (January 2008), LR 34:883 (May 2008), LR 34:2205 (October 2008), LR 35:1904 (September 2009), LR 36:2574 (November 2010), effective January 1, 2011, LR 37:601 (February 2011), LR 37:913 (March 2011), repromulgated LR 37:2187 (July 2011), repromulgated LR 37:2726 (September 2011), LR 37:3065 (October 2011), LR 38:1994 (August 2012), amended by the Department of Public Safety and Corrections, Uniform Construction Code Council, LR 39:1825 (July 2013), LR 39:2512 (September 2013), LR 40:2609 (December 2014), amended by the Department of Public Safety and Corrections, Office of State Fire Marshal, LR 41:2380 (November 2015), amended by the Department of Public Safety and Corrections, Office of the State Fire Marshal, Uniform Construction Code Council, LR 44:75 (January 2018), repromulgated LR 45:912 (July 2019), amended LR 45:1786 (December 2019).

